

**INFORMATION
DISCLOSURE
STATEMENT**

Atty. Docket No.: 265.00240101

Serial No.: 09/641,802

Applicant(s): Stanton et al.

Confirmation No.: 5387

Application Filing Date: August 17, 2000

Group: 1647





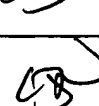
Information Disclosure Statement mailed: January 7, 2003
U.S. PATENT DOCUMENTS

Examiner Initial	Copies Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		None					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copies Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		None						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copies Enclosed	Document Description
	X	Cosgaya et al., "Neuronal differentiation of PC12 cells induced by engrailed homeodomain is DNA-binding specific and independent of MAP kinases," <i>Journal of Cell Science</i> 1998; 111: 2377-2384.
	X	Elgert, "Immunology: Understanding the Immune System," Text (1996) Wiley-Liss 1 st Ed. pp. 24-26 and 199-217.
	X	Kimball, John W., "White Blood Cells (leukocytes)," <i>Kimball's Biology Papers</i> [online]. [retrieved on 2002 December 2]. Retrieved from the internet: http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/B/Blood.html ; 2 pgs.
	X	Leszek et al., "Colostrinin® proline-rich polypeptide complex from ovine colostrum- a long-term study of its efficacy in Alzheimer's disease," <i>Med Sci Monit.</i> , 2002;8(10): 193-196.
	X	Vaudry et al., "Signaling Pathways for PC12 Cell Differentiation: Making the Right Connections," <i>Science</i> 31 May 2002;296: 1648-1649.

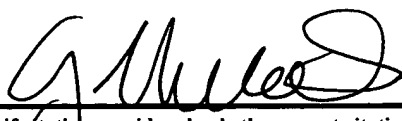
RECEIVED

JAN 10 2003

TECH CENTER 1600/2900

EXAMINER

Date Considered



2/28/2003

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION
DISCLOSURE
STATEMENT

Atty. Docket No.: 265.0024 0101

Serial No.: 09/641,802

Applicant(s): Boldogh et al.

Confirmation No.:

Filing Date: August 17, 2000

Group: 1632 1647

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CS	4,938,949	07/03/90	Borch et al.			
CS	5,595,887	01/21/97	Coolidge et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
CS	WO 98/14473	04/09/98	PCT				
	WO 99/65329	12/23/99	PCT				
	WO 00/75173	12/14/00	PCT				
	WO 01/11937	02/22/01	PCT				
	WO 01/12650	02/22/01	PCT				
CS	WO 01/12651	02/22/01	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

CS		Babbit, ed., <i>The Vanderbilt Rubber Handbook</i> , R.T. Vanderbilt Company, Inc., Norwalk, CT, pp. 344-397 (1978).
		Bespalov et al., "Fabs specific for 8-oxoguanine: control of DNA binding," <i>J Mol Biol.</i> 1999 Nov 12;293(5):1085-95.
		Blach-Olszewska et al., "Stimulatory effect of ovine colostrine (a proline-rich polypeptide) on interferons and tumor necrosis factor production by murine resident peritoneal cells," <i>Arch Immunol Ther Exp (Warsz)</i> . 1997;45(1):43-7.
		"BLAST," National Institutes of Health [online] Bethesda, M.D. Retrieved from the Internet on May 14, 2001: <URL: http://www.ncbi.nlm.nih.gov/gorf/bl2.html> , LPS CONSIDERED; DO NOT PRINT.
		Buescher et al., "Colostrin antioxidants: separation and characterization of two activities in human colostrum," <i>J Pediatr Gastroenterol Nutr</i> 1. 1992 Jan; 14(1):47-56.
CS		Calingasan et al., "Protein-bound acrolein: a novel marker of oxidative stress in Alzheimer's disease," <i>J Neurochem.</i> 1999 Feb;72(2):751-6.

EXAMINER

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION
DISCLOSURE
STATEMENT**

Atty. Docket No.: 265.0024 0101

Serial No.: 09/641,802

Applicant(s): Boldogh et al.

Confirmation No.:

Filing Date: August 17, 2000

Gr up: ~~1632-164~~

RECEIVED

JAN 10 2003

TECH CENTER 1600/2900

Chao "Growth factor signaling: where is the specificity?" *Cell*. 1992 Mar 20;68(6):995-7.

Esterbauer et al., "Chemistry and biochemistry of 4-hydroxynonenal, malonaldehyde and related aldehydes," *Free Radic Biol Med*. 1991;11(1):81-128.

Fields et al., *Synthetic Peptides: A User's Guide*, W.M. Freeman & Company, New York, NY, pp. 77-183 (1992).

Fillmore et al., "Differentiation of PC12 cells with nerve growth factor is associated with induction of transin synthesis and release," *J Neurosci Res*. 1992 Apr;31(4):662-9.

Gabbita et al., "Increased nuclear DNA oxidation in the brain in Alzheimer's disease," *J Neurochem*. 1998 Nov;71(5):2034-40.

Gabbita et al., "Decrease in peptide methionine sulfoxide reductase in Alzheimer's disease brain," *J Neurochem*. 1999 Oct;73(4):1660-6.

Good et al., "Evidence of neuronal oxidative damage in Alzheimer's disease," *Am J Pathol*. 1996 Jul;149(1):21-8.

Gratama et al., "Flow cytometric quantitation of immunofluorescence intensity: problems and perspectives. European Working Group on Clinical Cell Analysis," *Cytometry*. 1998 Oct 1;33(2):166-78.

Grunwald et al., "In situ analysis of chromatin proteins during development and cell differentiation using flow cytometry," *Methods Mol Biol*. 1999;119:443-54.

Hensley et al., "Brain regional correspondence between Alzheimer's disease histopathology and biomarkers of protein oxidation," *J Neurochem*. 1995 Nov; 65(5):2146-56.

Hughes et al., "Modulation of immune responses by anabolic androgenic steroids," *Int J Immunopharmacol*. 1995 Nov;17(11):857-63.

Inglot et al., "Colostrinine: a proline-rich polypeptide from ovine colostrum is a modest cytokine inducer in human leukocytes," *Arch Immunol Ther Exp (Warsz)*. 1996;44(4):215-24.

Inglot et al., "Colostrinin for treatment of Alzheimer's disease," *European Cytokine Network*. 1996 Sept;7(3):458(abstract 51).

EXAMINER



Date Considered

2/28/2003

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION
DISCLOSURE
STATEMENT**

Atty. Docket N .: 265.0024 0101

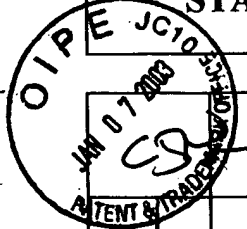
Serial No.: 09/641,895

Applicant(s): Boldogh et al.

Confirmation No.: JAN 10 2003

Filing Date: August 17, 2000

Group: 16327647



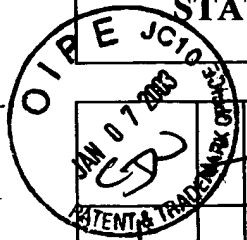
<input checked="" type="checkbox"/>	Inglot et al., "Tumor-associated antigens are cytokine inducers and hyporeactivity factors to the immune system," <i>Biotherapy</i> . 1998;11(1):27-37.
<input checked="" type="checkbox"/>	Janusz et al., "Isolation and characterization of a proline-rich polypeptide from ovine colostrum," <i>FEBS Lett</i> . 1974 Dec 15;49(2):276-9.
<input checked="" type="checkbox"/>	Janusz et al., "Chemical and physical characterization of a proline-rich polypeptide from sheep colostrum," <i>Biochem J</i> . 1981 Oct 1;199(1):9-15.
<input checked="" type="checkbox"/>	Janusz et al., "Proline-rich polypeptide (PRP) - an immunomodulatory peptide from ovine colostrum," <i>Arch Immunol Ther Exp (Warsz)</i> . 1993;41(5-6):275-9.
<input checked="" type="checkbox"/>	Kim et al., "Simultaneous differentiation and quantitation of erythroblasts and white blood cells on a high throughput clinical haematology analyser," <i>Clin Lab Haematol</i> . 1998 Feb;20(1):21-9.
<input checked="" type="checkbox"/>	Kooy et al., "Oxidation of 2',7'-dichlorofluorescein by peroxynitrite," <i>Free Radic Res</i> . 1997 Sep;27(3):245-54.
<input checked="" type="checkbox"/>	LeBel et al., "Evaluation of the probe 2',7'-dichlorofluorescein as an indicator of reactive oxygen species formation and oxidative stress," <i>Chem Res Toxicol</i> . 1992 Mar-Apr;5(2):227-31.
<input checked="" type="checkbox"/>	Leszek et al., "Colostrinin: a proline-rich polypeptide (PRP) complex isolated from ovine colostrum for treatment of Alzheimer's disease. A double-blind, placebo-controlled study," <i>Arch Immunol Ther Exp (Warsz)</i> . 1999;47(6):377-85.
<input checked="" type="checkbox"/>	Levi et al., "The mode of action of nerve growth factor in PC12 cells," <i>Mol Neurobiol</i> . 1988 Fall;2(3):201-26.
<input checked="" type="checkbox"/>	Lovell et al., "Elevated thiobarbituric acid-reactive substances and antioxidant enzyme activity in the brain in Alzheimer's disease," <i>Neurology</i> . 1995 Aug; 45(8):1594-601.
<input checked="" type="checkbox"/>	Lovell et al., "Elevated 4-hydroxynonenal in ventricular fluid in Alzheimer's disease," <i>Neurobiol Aging</i> . 1997 Sep-Oct;18(5):457-61.
<input checked="" type="checkbox"/>	Lovell et al., "Decreased glutathione transferase activity in brain and ventricular fluid in Alzheimer's disease," <i>Neurology</i> . 1998 Dec;51(6):1562-6.
<input checked="" type="checkbox"/>	Lovell et al., "Increased DNA oxidation and decreased levels of repair products in Alzheimer's disease ventricular CSF," <i>J Neurochem</i> . 1999 Feb;72(2):771-6.

EXAMINER

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 265.0024 0101	Serial No.: 09/641,802
	Applicant(s): Boldogh et al.	Confirmation No.:
	Filing Date: August 17, 2000	Group: 1632 1647



<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Lovell et al., "Decreased base excision repair and increased helicase activity in Alzheimer's disease brain," <i>Brain Res.</i> 2000 Feb 7;855(1):116-23.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Markesberry, "Oxidative stress hypothesis in Alzheimer's disease," <i>Free Radic Biol Med.</i> 1997;23(1):134-47.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Markesberry et al., "Four-hydroxynonenal, a product of lipid peroxidation, is increased in the brain in Alzheimer's disease," <i>Neurobiol Aging.</i> 1998 Jan-Feb;19(1):33-6.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Markesberry et al. "Oxidative alterations in Alzheimer's disease," <i>Brain Pathol.</i> 1999 Jan;9(1):133-46.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Marshall et al., "Specificity of receptor tyrosine kinase signaling: transient versus sustained extracellular signal-regulated kinase activation," <i>Cell.</i> 1995 Jan 27;80(2):179-85.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	McHeyzer-Williams et al., "Enumeration and characterization of memory cells in the TH compartment," <i>Immunol Rev.</i> 1996 Apr;150:5-21.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mecocci et al., "Oxidative damage to mitochondrial DNA is increased in Alzheimer's disease," <i>Ann Neurol.</i> 1994 Nov;36(5):747-51.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mishell et al., <i>Selected Methods in Cellular Immunology</i> , W.H. Freeman, San Francisco, CA; title page and table of contents only, 9 pages (1980).
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Montine et al., "Cerebrospinal fluid F2-isoprostane levels are increased in Alzheimer's disease," <i>Ann Neurol.</i> 1998 Sep;44(3):410-3.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ostrea et al., "Influence of breast-feeding on the restoration of the low serum concentration of vitamin E and beta-carotene in the newborn infant," <i>Am J Obstet Gynecol.</i> 1986 May;154(5):1014-7.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Peunova et al., "Nitric oxide triggers a switch to growth arrest during differentiation of neuronal cells," <i>Nature.</i> 1995 May 4;375(6526):68-73.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Piasecki et al., "Coincidence between spontaneous release of interferon and tumor necrosis factor by colostral leukocytes and the production of a colostrinine by human mammary gland after normal delivery," <i>Arch Immunol Ther Exp (Warsz).</i> 1997;45(1):109-17.

RECEIVED

JAN 10 2003

TECH CENTER 1600/2900

EXAMINER 	Date Considered 2/28/2003
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**INFORMATION
DISCLOSURE
STATEMENT**

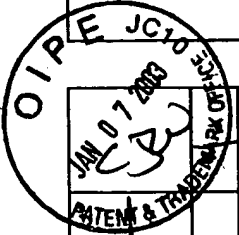
Atty. Docket No.: 265.0024 0101

Serial No.: 09/641,802

Applicant(s): Boldogh et al.

Confirmation No.:

Filing Date: August 17, 2000

Group: ~~1632~~ 1647

		Popik et al., "Colostrinin, a polypeptide isolated from early milk, facilitates learning and memory in rats," <i>Pharmacol Biochem Behav.</i> 1999 Sep;64(1):183-9.
		Prasad et al., "Regional membrane phospholipid alterations in Alzheimer disease," <i>Neurochem Res.</i> 1998 Jan;23(1):81-8.
		Roberts II et al., "Formation of isoprostane-like compounds (neuroprostanes) in vivo from docosahexaenoic acid," <i>J Biol Chem.</i> 1998 May 29;273(22):13605-12.
		Rothe et al., "Flow cytometric analysis of respiratory burst activity in phagocytes with hydroethidine and 2',7'-dichlorofluorescein," <i>J Leukoc Biol.</i> 1990 May; 47(5):440-8.
		Royall et al., "Evaluation of 2',7'-dichlorofluorescein and dihydrorhodamine 123 as fluorescent probes for intracellular H ₂ O ₂ in cultured endothelial cells," <i>Arch Biochem Biophys.</i> 1993 May;302(2):348-55.
		Subbarao et al., "Autopsy samples of Alzheimer's cortex show increased peroxidation <i>in vitro</i> ," <i>J Neurochem.</i> 1990 Jul;55(1):342-5.
		Shacter et al., "Differential susceptibility of plasma proteins to oxidative modification: examination by western blot immunoassay," <i>Free Radic Biol Med.</i> 1994 Nov;17(5):429-37.
		Singh et al., "Dietary intake, plasma levels of antioxidant vitamins, and oxidative stress in relation to coronary artery disease in elderly subjects," <i>Am J Cardiol.</i> 1995 Dec 15;76(17):1233-8.
		Smith et al., "Advanced Maillard reaction end products are associated with Alzheimer disease pathology," <i>Proc Natl Acad Sci U S A.</i> 1994 Jun 7; 91(12):5710-4.
		Smith et al., "Oxidative damage in Alzheimer's," <i>Nature.</i> 1996 Jul 11; 382(6587):120-1.
		Smith et al., "Excess brain protein oxidation and enzyme dysfunction in normal aging and in Alzheimer disease," <i>Proc Natl Acad Sci U S A.</i> 1991 Dec 1; 88(23):10540-3.

RECEIVED
JAN 10 2003
TECH CENTER 1600/2900

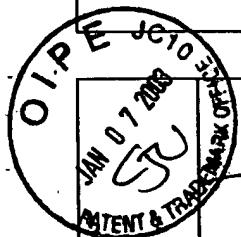
EXAMINER

Date Considered

2/28/2003

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 265.0024 0101	Serial N .: 09/641,802
	Applicant(s): Boldogh et al.	Confirmation No.:
	Filing Date: August 17, 2000	Gr up: 1632 1647



		Svennerholm et al., "Membrane lipids, selectively diminished in Alzheimer brains, suggest synapse loss as a primary event in early-onset form (type I) and demyelination in late-onset form (type II), <i>J Neurochem.</i> 1994 Mar; 62(3):1039-47.
		Takahashi et al., "Spontaneous transformation and immortalization of human endothelial cells," <i>In Vitro Cell Dev Biol.</i> 1990 Mar;26(3 Pt 1):265-74.
		Tsuchiya et al., "In vivo visualization of oxygen radical-dependent photoemission," <i>Methods Enzymol (Oxygen Radicals in Biological Systems)</i> . 1994;233C:128-40.
		Villas et al., "Flow cytometry: an overview," <i>Cell Vis.</i> 1998 Jan-Feb;5(1):56-61
		Yan et al., "Glycated tau protein in Alzheimer disease: a mechanism for induction of oxidant stress," <i>Proc Natl Acad Sci U S A.</i> 1994 Aug 2;91(16):7787-91.
		Zimecki et al., "Effect of a proline-rich polypeptide (PRP) on the development of hemolytic anemia and survival of New Zealand black (NZB) mice," <i>Arch Immunol Ther Exp (Warsz)</i> . 1991;39(5-6):461-7.

RECEIVED

JAN 10 2003

TECH CENTER 1600/2900

EXAMINER 	Date Considered 2/28/2003
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	